Distributed by:

JAMECO® ELECTRONICS

www.Jameco.com ✦ 1-800-831-4242

The content and copyrights of the attached material are the property of its owner.

IMPORTANT
Please read these instructions carefully before using the product.

SecureView®

Video Security Camera and Decoder Installation and Operating Instructions

IMPORTANT SAFETY INFORMATION

This is an electrical device. Use common sense and follow proper safety procedures when installing or removing this product.

- Do not work alone under hazardous conditions.
- High short circuit current through conductive materials could cause severe burns.
- A licensed electrician is required to install permanently wired equipment.
- Check that all power cord(s), plug(s), and sockets are in good condition.
- To reduce the risk of electric shock when grounding cannot be verified, disconnect the equipment from the AC power source before installing or connecting to other equipment. Reconnect the AC power only after all connections are made.
- Do not handle any metallic tools or connectors before power has been removed.
- Use one hand, whenever possible, to connect or disconnect cables or power, in order to avoid a possible shock from touching two surfaces with different electrical grounds.
- All sockets and receptacles should be properly grounded and connected to appropriate branch circuit or mains protection (fuse or circuit breaker). Connection to any other type of receptacle or socket may result in a shock hazard.
- Do not attempt to open, disassemble, or repair the equipment. Contact the manufacturer for service or repair information.
- Do not use the product submerged in water, or below grade outdoors. Avoid handling any electrical device in wet environments.

How It Works

SecureView is unique! The "camera in a light bulb" simply screws in to any light socket. Inside the "bulb" is a sophisticated low-light monochrome camera, coupled to our exclusive IRFS™ patented circuitry. The video signal is "encoded" by this circuit and fed directly to the 110-volt power line.

Each camera has a companion "decoder" which plugs into any wall outlet. A typical homeowner would plug in the decoder at the outlet nearest the TV. A standard video output connects the decoder to any TV or VCR using line-level RCA-type cables.

Once the decoder is plugged in and connected, live video is delivered to the TV or VCR. It's simple and easy. There are no wires to run, no holes to drill, and no antennas or complicated "tuning" is required.

How Do We Do It?

That's our secret! Using our proprietary Induction RF System™, we can send live video across the power line anywhere in your home. Let's just say it in simple terms: The video signal "wraps around" the power line, completely separate from the AC voltage. We have a total of 17 separate patents, and others pending, covering the IRFS™ process.

How Far Can It Go?

We've successfully sent SecureView video over 2000 feet of AC wiring. Distances in your home or business will vary based on how the building is wired.

What About the Neighbors?

We designed SecureView to "stop" at your service drop, where your building's electrical system connects to the utility company's meter. And since you must have a decoder to use the camera, there is no risk of anyone receiving a picture elsewhere on your power line. Without the decoder, the signal is "invisible."

Don't You Get Interference?

No! That's the remarkable SecureView difference. Even though the power line is loaded with refrigerator motors, heater elements, peaks and dips, SecureView "sees right past" 99% of this "power line junk."

How Much Area Can I View?

SecureView sees an 85-degree wide angle, from 6 inches to optical infinity. Practically speaking, your viewing range in daylight extends to 100 yards or more, depending on the amount of detail you expect. Obviously, something as large as a car or truck can be recognized at a greater distance than, say, a small dog or cat.

Wide-angle viewing is the best all-around choice for any type of security camera. As a bonus, you eliminate expensive and trouble-prone tilt-and-zoom mechanisms, which also require somebody to push the buttons.

In darkness, SecureView is sensitive enough to give you a readable image with the bare minimum of lighting. The built-in, patented infra-red system will see in total darkness to a maximum of 30 feet; more with supplemental IR floodlights.

What About This Infra-Red?

Many people misunderstand the idea of infra-red lighting. If you already have motion detectors installed in your home, or if you use a remote control on your TV, you are using different forms of infra-red. Without getting into optics and physics, the simple explanation is this: Infra-red is "invisible light." What we refer to as "white" infra-red is a portion of the IR spectrum which can be transmitted, reflected, and imaged by a video camera. SecureView cameras include our proven built-in IR enhancement, for sharp video pictures even in total darkness. There are no "thermal" or heat-sensing properties to this enhancement; it works just like visible light--you don't "see" it, but the camera does, and delivers the image as a standard black-and-white video picture.

How Many Cameras?

The entry-level, single-camera SecureView will be upgradeable to a four-camera system. We expect future upgrades and improvements to include more cameras.

If I Want to Watch in More than One Room? Simply add extra decoders to the system.

What Channel Does It Play On?

SecureView doesn't "broadcast" on any channel. It uses "line level" composite video, which plugs into your TV or VCR at the "Line In," "Video In," "Aux," or "A/V" connection, usually placed below channel 2 on your set, or on a separate button on your machine or your remote control.

Can I Record the Picture?

Of course. SecureView is fully "plug and play" compatible with any device using standard RCAconnections. You can plug the video feed direct into your VCR, and record instantly. Monitor through your TV, or take the tape with you and play it on any other VCR.

Is SecureView Internet Compatible?

Yes! Any PC equipped with an analog video capture device can accept live video feeds from SecureView, and send them over the Internet. The type and quality of your Internet transmission is determined by your computer's hardware and software, and the speed of your online hookup. You are no longer limited by the range of a "ball" camera or short-cable PC cam. Use SecureView to transmit from anywhere in your home, and watch on the Internet from anywhere in the world!

We expect to offer a plug-in card and more sophisticated software in the near future, which will allow even greater control.

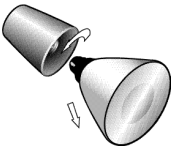
INSTALLATION

Installing the SecureView® "light bulb camera"

OUTDOOR MODEL

The SecureView® video security camera is designed to look exactly like a standard PAR-38 outdoor floodlight, and will fit in most fixtures designed to accept the PAR-38 style lamp. Shown here is a typical installation in a 2-socket outdoor fixture.

1. Disconnect power to the circuit.

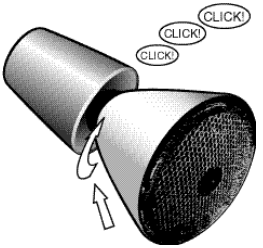


2. Remove the existing flood lamp.

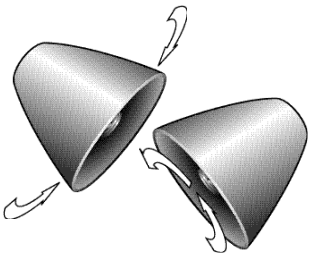
3. Screw in the SecureView Camera until the ratchet clicks.

4. Install the decoder and connect it to a TV (see "Installing the SecureView Decoder")

5. Reconnect power to the circuit.



6. Turn camera clockwise on the ratchet until the picture is "right side up." (NOTE: Camera rotates only in a CLOCKWISE direction. Turning the camera counter-clockwise will remove it from the socket.)



7. If your fixture is adjustable, tilt and rotate the housing to obtain desired viewing angle.

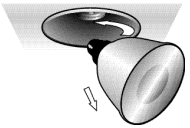
8. Repeat Step "6" if necessary.

INDOOR MODEL

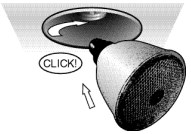
The SecureView® indoor video security camera is designed to fit a wide variety of ceiling fixtures and lamp housings.

TYPICAL CEILING FIXTURE INSTALLATION

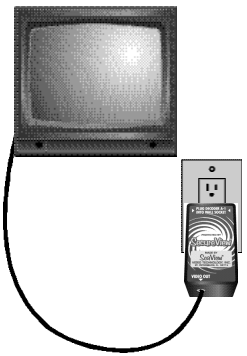
1. Disconnect power to the circuit.



2. Remove existing lamp.

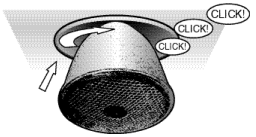


3. Screw in the SecureView Camera until the ratchet clicks.



4. Install the decoder and connect it to a TV (see "Installing the SecureView Decoder")

5. Reconnect power to the circuit.



6. Turn camera clockwise on the ratchet for best viewing position.

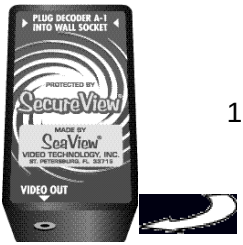
(NOTE: Camera rotates only in a CLOCKWISE direction. Turning the camera counter-clockwise will remove it from the socket.)

The SecureView® indoor video security camera can also be placed in pole lamps, standard porcelain lamp sockets, ceiling fan lamp sockets, and so forth.

Use of SecureView® in table lamps or floor lamps, where the bulb points upward, will produce unsatisfactory results and is not recommended.

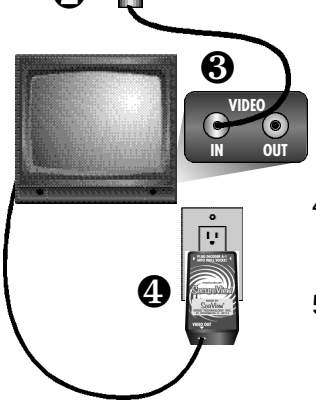
Installing the SecureView® Decoder

The SecureView® Decoder looks like a plug-in transformer, such as those commonly used to power small appliances. However, it is actually a sensitive IRFS™ receiver, which allows you to view SecureView video on any standard television or video recorder.



1. Locate the RCA "video out" jack on the bottom of the decoder.

2. Connect a standard video cable to the decoder.



3. Connect the other end of the video cable to the video Line Input jack of your TV or video recorder.

4. Plug the decoder into a wall outlet.

5. Turn on the TV and select the Line Input ("Line" "Aux" or "A/V") on your TV or recorder and view the picture from the SecureView Camera. (See the Instructions provided with your TV set.)

Troubleshooting Tips

No Picture on TV:

1.	Decoder not plugged in.	Plug Decoder into wall outlet.
2.	Video cable not plugged in or loose.	Check video cable connections.
3.	Video Input not selected on TV.	Consult manufacturer's instructions for TV.

Picture (blank screen or snow) on TV but no picture from Camera:

1.	Video Input not selected on TV.	Select correct video input.
2.	Camera not receiving power.	Make sure fixture is getting power.

Picture from camera is tilted or upside down:

1. Rotate camera several clicks and check the picture. Repeat until picture appears "right side up." **(NOTE: Camera rotates only in a CLOCKWISE direction. Turning the camera counter-clockwise will remove it from the socket.)**

2. If the fixture is adjustable, use the adjustments to set the correct view.

Picture is washed out (over-bright)

1. Check the controls on your TV; make sure they are set properly.

2. There may be a source of reflected glare in the viewing area. Examples: large concrete driveways, white pool decks, sun on vehicle trim or windshields, glass windows, or water. Re-position the light socket and/or the camera to eliminate the source of glare.

3. In early morning or late afternoon, the sun may shine directly into the camera lens. This will not damage the camera, but will cause a poor picture for an hour or two. Relocating the camera can eliminate or reduce the effect.

Picture is dark or muddy-looking

1. Check the controls on your TV, as above.

2. There may be a strong backlight during daylight hours if the camera is located in a porch or garage, or indoors pointing at an outside window. Close doors or curtains to "even out" the light, and picture quality should improve.

3. In total darkness, some areas may not reflect infrared light. This can cause a darker picture. Add a small light or an optional SecureView® infrared floodlight.

NOTICE

THIS PRODUCT IS MANUFACTURED FOR USE ONLY WITH SINGLE PHASE POWER MAINS OPERATING AT 115-125 VAC, 60HZ, AND FOR INTERFACING WITH TELEVISION SYSTEMS MANUFACTURED TO THE NORTH AMERICAN NTSC STANDARD. PLEASE CONTACT THE COMPANY REGARDING SECUREVIEW SYSTEMS FOR USE ON TWO PHASE 220-240 VAC 50HZ, AND FOR TELEVISION SYSTEMS MANUFACTURED TO THE PAL STANDARD.

SecureView® PRODUCT SPECIFICATIONS

Performance	Power Line Configuration Dual-sided single phase (any home, any light socket)
Camera	CCD with digital signal processor, monochrome, zero lux with infrared-enhanced night vision
Transmitter Input Signal	NTSC Composite baseband
Receiver Output Signal	NTSC Composite baseband, RCA connector
Transmission System	Patented IRFS™ Powerline Carrier
Environmental	Temperature -40 to +85 C
Case Material	ABS, UL 94 rated
Power Requirements	120VAC, 60Hz; Camera/Transmitter 6w; Receiver 5w
Dimensions	
Transmitter	Standard PAR-38 lamp housing; weight 12 oz
Receiver	2.5 x 3.75 x 2, wall plug mount; weight 13 oz
Warranty	One year against defects in material or manufacture.

SecureView Security Camera System Model 100

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY SEAVIEW VIDEO TECHNOLOGY INC. COULD VOID YOUR AUTHORITY TO OPERATE THIS EQUIPMENT.

SecureView®
LIMITED WARRANTY

Your SecureView® Camera is guaranteed for 12 months (one year) against manufacturing defects in material and workmanship. The electronics (CCD camera) is warranted for 180 days (6 months). **During this period, any repair or replacement required as a result of such defects will be made free of charge.** Should service be required, return the product to your Authorized SecureView® Dealer, or return the equipment prepaid to the Company, at the specified address. All returned materials must be packed securely with adequate protection against shipping damage. You must enclose **proof of purchase** (sales slip) and any information relating to the problem and how it occurred. To ensure prompt and efficient handling of your service request, you must obtain a Return Authorization Number prior to returning any equipment to us. The unit is sealed at the factory and is not field-serviceable.

This guarantee is in lieu of any other warranty either expressed or implied. Any and all warranties of merchantability and/or fitness for a particular purpose are expressly disclaimed and excluded by SeaView® Video Technology, Inc. In no event will the Company be liable to you or any other person for indirect or consequential damages arising from the inability for use of this product or incompatibility with any other product or breach by the Company of the Limited Warranty contained herein.

15% Restocking Fee On All Returns

SeaView® Video Technology, Inc.
200 Madonna Boulevar d
St. Petersburg, FL 33715

Entire Contents ©2000 SeaView® Video Technology, Inc.
All Rights Reserved. Reproduction Prohibited